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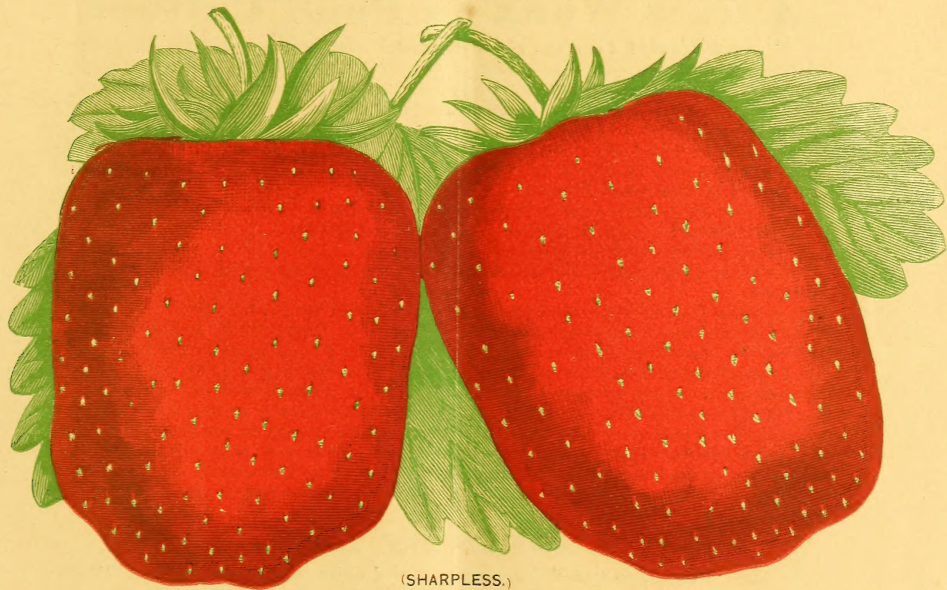
SPRING, 1880.

CATALOGUE

OF

STRAWBERRIES,
AND OF OTHER
Plants and Trees.

THE NEWER VARIETIES A SPECIALTY.



(SHARPLESS.)

FOR SALE BY

R. H. HAINES,

AT

HUDSON RIVER FRUIT GARDENS,

SAUGERTIES-ON-HUDSON, N. Y.

FRUIT DEPARTMENT.

A CHAT WITH PATRONS.

The growing of fruits brings recreation, profit and health to thousands of persons throughout our country, and each year many more are beginning to realize its benefits. An abundance of good, *ripe* fruit would add years to many a life. The expenditure of ten or twenty dollars in purchasing fruit plants or trees, has many a time proved one of the best investments of an individual's life. A physician of experience one time made the remark "that tens, and almost hundreds of dollars might be saved to many families every year, if they would only take the trouble to have a suitable and *continuous* supply of fresh fruits upon their tables," and many who have put this saying into practice, have very agreeably realized the truth and wisdom of his remarks.

Having made the growing and sale of the newer fruits a SPECIALTY for some years, it has been peculiarly gratifying to find that so large a proportion of my patrons continue year after year to send me their orders when they wish to replenish their gardens, or make trial of the new fruits—thus showing by their purchases their appreciation of the genuineness and quality of the plants and trees that I send out. I trust that our dealings with, and confidence in each other may continue to be equally satisfactory.

A New Work on Fruit Culture.

"**The Fruit Grower's Friend.**"—Of recent years my correspondence has increased so rapidly, that I have felt that I was unable to do full justice to my patrons in answering some of their letters, in which information is sought in regard to certain departments of fruit growing. I have accordingly prepared a manual or hand-book, in which I have endeavored to fully explain every step in the "planting," "cultivation," "pruning" and treatment of our hardy fruits, and in which nearly every question will be found to be answered in regard to both *Small Fruits and Fruit Trees*.

It also contains my methods for "Growing Large Berries."

Simple and Cheap Remedies for Destroying Insects.

Full Instructions for Marketing Profitably.

Tables of Distances for Planting; Number of Plants and Trees per Acre, &c., &c.

PRICE, 30 cents; 2 copies for 50 cents; 5 copies for \$1, by mail.

In many localities or neighborhoods it may pay either adults or boys and girls to buy "THE FRUIT GROWER'S FRIEND" in lots of five or more at the lower rate, and retail them out at 30 or 40 cents each, thus making a good profit on the investment. They are tastefully printed, and in many homes will probably be eagerly bought and appreciated. When remitting for one or two copies, please send at least half in five or ten cent *silver* pieces wrapped in paper and enclosed in your letter. The balance may be in three cent or ten cent postage stamps. If ordering plants or trees afterwards *this Spring* to the extent of \$3 or over, then the price of one copy may be deducted in remitting, thus getting the manual *free*.

Plants by Mail.

My mailing department has now assumed quite large proportions. To give some idea of this, I may mention here that my bills for postage upon many days amount to from five to ten dollars—the bundles of plants filling up a number of good sized market baskets. By rightly wrapping or packing my plants, they can be sent safely either by mail or express to any of the States and Territories.

The following are a few samples of many letters received, showing the safe arrival and good condition of the plants that I have sent out *by mail*. The names of the writers can be given if necessary. Occasionally, owing to delays, etc., or to the *natural habits* of some plants, some purchasers are unable to report such good success, but I am thankful to know that my patrons generally seem to appreciate my efforts to please.

ST. NICHOLAS, FLA.—“The Strawberry and Blackberry plants came to hand by mail in fine order. I like your style of mailing immensely.”

PEABODY, KAN.—“The Strawberry plants came through in four days in fine condition. *I think every plant will grow.*”

PROVIDENCE, R. I.—“Your plants came to hand by mail in fine order. It is a pleasure to get plants from one who knows how to ship them with such security.”

MONROE CITY, Mo.—“Out of the 115 Strawberry plants you sent me I will not lose one. *Finer roots I never saw.* They never wilted, though the weather has been hot and dry for three weeks.”

YUBA CITY, CAL.—“I take pleasure in saying that the Strawberry plants came to hand ten days after they were mailed—all in good condition. In twenty-four hours after they were planted out I could discover new life and vigor.”

EAST SAGINAW, MICH.—“Your plants all came in nice condition—much better than I ever saw come from any other nursery.”

EAST HAMILTON, N. Y.—“Allow me to say that the Strawberry plants that you sent to me on May 22d came in *fine condition*. Accept thanks for promptness.”

PITTSBURGH, PA.—“I like your frank manner of doing business very much, and rest assured of receiving my patronage if I need more plants.”

Postage on Plants and Vines.

It is sometimes more convenient for parties living at a distance from a railroad or express office to have their plants sent to them through the mails. When such is the case the following should be carefully noted in remitting. STRAWBERRY plants will be sent FREE AT DOZEN RATES. Postage or money to the amount of TEN cents should be sent for every fifty *strawberry* plants that are ordered at 100 rates, and 20 cents for every 100 at 100 rates. My plants are usually so large, that frequently the postage amounts to 30 and 40 cents per 100, but I have placed the postage low upon the strawberries as well as upon the other plants, so as to divide the expense with my patrons.

For RASPBERRIES add 10 cents per dozen; 35 cents per 50, and 60 cents per 100. For BLACKBERRIES and one year old GOOSEBERRIES, CURRANTS and GRAPES add 10 cents per dozen; 40 cents per 50 and 75 cents per 100. On two year old Gooseberries, Currants and Grapes the postage should be doubled, though when practicable the larger plants should go by express. All plants or vines AT SINGLE RATES will be sent free. Also any ordered at dozen rates *that are priced at \$1 or over per dozen*, will be sent free.

Express Rates, &c.—The large proportions that my business has now assumed, enables me through an arrangement with the Express Company, to have boxes of plants billed and sent to my customers at SPECIALLY LOW RATES. By this arrangement distant purchasers can frequently obtain packages as cheaply from me, as if sent to them from places nearer their homes. Large and heavy packages can be sent cheaply by “fast freight” if ordered sufficiently early.

Reductions if Packed.—No charge is made for packing *plants and vines*, and if packed the purchaser may deduct 5 cents from the price of each dozen, and 10 cents from the price of each 100 plants or vines, *besides the other “special discounts.”* This will reduce the price of many varieties of Strawberries to *only 25 cents per dozen*, and will make most of the Raspberries, Blackberries, Currants, &c., cost the purchaser 15 cents *less per dozen* than if sent by mail, besides frequently getting larger plants. As many small boxes go from 200 to 300 miles for from 40 to 60 cents by express, this will also often be practically getting the plants free of express charges, or very nearly so.

Letters of inquiry will be promptly answered. During the height of the season extra clerks are employed, that correspondence and the booking of orders may be promptly attended to. A delay of a day or two in answering may at times occur, as I sometimes find it difficult in receiving 60 to 80 letters a day, to give them the personal supervision and prompt attention that I would like to. A letter will always be sent the same day that goods are shipped. I mention this so that extra trips to the express office may be avoided.

“Buy your trees from a nurseryman who has established his reputation.”—*Exchange.* This remark is also especially applicable to those intending to make purchases of the newer Small Fruits.

Parties at the South—in Kentucky, Georgia, Alabama, or in more distant States, should obtain their plants as early in the Spring as possible. However, I may mention for the encouragement of those who cannot make it convenient to purchase early, that every Spring I am sending plants with success to almost all of the Southern States up to the 15th of May. Being quite far North, plants grown here have the advantage of a retarded growth, and can be set out with much better success at the South than those that are obtained nearer home, growing thriftily after planting, even though other fruits in the same garden may be blossoming or ripening.

Special Discounts.

To pay those who may interest themselves in getting up clubs, and to encourage other parties in ordering more largely, I offer this Spring the following special reductions. THESE DISCOUNTS APPLY ONLY TO PLANTS AND VINES AT SINGLE AND DOZEN RATES.

Persons Remitting

\$2 00 may select up to.....	\$2 25	\$8 00 may select up to.....	\$ 9 25
3 00 " " "	3 40	10 00 " " "	11 50
4 00 " " "	4 60	15 00 " " "	17 50
5 00 " " "	5 75	20 00 " " "	24 00

Parties ordering plants (not trees), at 100 rates may deduct 10 per cent. when remitting to the amount of \$2 or over. In mixed orders where the plants at dozen and 100 rates amount to \$2 or over, 15 per cent. may be deducted from the regular dozen rates, and 10 per cent. from the regular 100 rates, or as above, according as the purchaser may prefer. See also additional "reductions if packed." Plants at 1,000 rates or in large lots can frequently be offered at *specially low figures* upon application. Parties purchasing this Spring to the amount of \$3 or upwards, may also have a copy of my manual *free* upon application. When the above are to be sent by mail, postage should *always* be added for such plants as do not go free. See "POSTAGE ON PLANTS AND VINES."

STRAWBERRIES.

(Will be sent free by mail at dozen rates, when I am so requested.)

Probably no other fruit that is grown in this country proves such a universal favorite, and gives such general satisfaction, as does the Strawberry. A little plot of land a rod or two square, if planted with select and suitable varieties, will furnish for some years a fine supply of this delicious fruit, and will yield to the owner treasures that will be well appreciated. A portion of a letter received some time ago from a gentleman in Massachusetts, will perhaps show something of the satisfaction and pleasures that others experience, who have obtained a suitable selection of my finer varieties:

"DEAR SIR:..... I am more than satisfied with the Strawberries that I bought of you last Fall and Spring. They have been pronounced by nearly all who have partaken of them as being the best Strawberries that they have ever eaten..... I have given many boxes of them away, and some to those who raise berries themselves, and in every instance they have acknowledged that they were larger and better than any that they had previously had..... Please fill the accompanying order as soon as convenient..... and oblige, yours truly.".....

Early and Late Varieties.—Those who limit themselves to only one variety scarcely realize what pleasures may be obtained from the Strawberry. By selecting one or more kinds each of the early, medium and late varieties, then, instead of only having fruit upon the table for a week or two, as is usually the case, in this way a good supply may be obtained for at least five or six weeks. Last year the *very earliest* kinds were ripe here, May 26th, fully two weeks before some of the late varieties—the latter giving a good supply up to July 6th. As a help in selecting Strawberries, I have classified some of the best varieties as follows. There are other quite desirable varieties on my grounds, not mentioned in these lists, that are also well worth growing.

For Light Soils.—EARLY.—Crystal City, Duchesse, Crescent Seedling, Hervey Davis, Cinderella, Wilson's Albany, and Warren.

MAIN CROP.—Cetywayo, Monarch of the West, Forest Rose, Endicott No. 2, Cumberland Triumph, Seneca Queen, Pioneer, Chas. Downing, Boyden No. 30, President Lincoln, Sharpless, and Miner's Great Prolific.

LATE.—Glendale, Col. Cheney, Capt. Jack, Burr Oak, Kentucky, Wilding Seedling, Champion, Continental, Golden Defiance, Springdale, Kerr's Late Prolific, Huddleston's Favorite, and Longfellow.

For Loamy, Heavy Soils.—**EARLY.**—Matilda, Crystal City, Early Adela, Early Hudson, Duchesse, Crescent Seedling, Black Defiance, Cinderella, Wilson and Warren.

MAIN CROP.—Pioneer, Endicott No. 2, Miner's Great Prolific, Monarch of the West, Essex Beauty, Boyden No. 30, President Lincoln, Forest Rose, Chas. Downing, Cumberland Triumph, Seneca Queen, Continental, Capt. Jack, Sterling, Hervey Davis, Sharpless, Gen. Sherman, Cetywayo, and Marvin.

LATE.—Glendale, Burr Oak, Great American, Champion, Wilding Seedling, Kentucky, Col. Cheney, Jucunda, Springdale, Centennial Favorite, Kerr's Late Prolific, Triomphe de Gand, Longfellow, and Huddleston's Favorite.

When Plants arrive dip the roots in water (not in cold spring water), and keep in moss in a cool cellar until ready for planting. My hand-book contains full directions as to what manures to use; also for "preparation of soil," "planting," "cultivation," "winter protection," "marketing," etc., etc. If the directions contained in it for planting are carefully followed, then every plant or tree should grow. Plant Strawberries about one foot apart, in rows from two to five feet apart. Suggestions for shading plants, and proper methods for watering, will be found in my manual.

Potted Plants are not needed for Spring planting, being specially desirable only for Summer and Fall planting. However, I have several hundred remaining of most of the kinds, which I can offer to early purchasers in dozen or larger lots, at one cent extra for each plant. I hope to have many thousands of them ready in July and August, and shall be glad to contract to grow and furnish to those who may wish to purchase largely, if they will send their orders on a few weeks in advance.

 Pistillate or imperfect blossomed varieties are marked (P). Nearly all the rest are Hermaphrodites, or varieties with perfect blossoms. My manual explains the way to plant the pistillate kinds.

Crystal City.—This new variety is especially noticeable on account of its *unusual earliness*, and is often called the "*earliest of the earlies*," from its habit of early ripening. The fruit is of good size (not large), but coming into market at a time when berries are scarce, will command a good price. My hand-book will show how they may easily be made to ripen even earlier than ordinary, thus bringing them on the table three or four weeks earlier than other berries. I have a fine supply of *genuine* and vigorous plants of this variety, and think that my patrons will be repaid in making trial of them. Price, 60 cents per dozen; \$3.50 per 100.

Forest Rose.—Large. 30 cents per dozen; \$1 per 100; \$10 per 1,000.

Boyden No. 30.—A good variety for either home use or market. Very large; sweet. 30 cents per doz.; 75 cents per 100; \$4 per 1,000.

Crescent Seedling (Parmlee's).—This continues to retain its reputation for its *wonderful productiveness*, which has been estimated at the rate of 14,000 quarts to the acre. Berries are of a bright color, of medium size and fair quality. Will pay to plant it largely. Pistillate, 30 cents per doz.; 75 cents per 100; \$3 per 1,000; \$9 per 5,000; \$15 per 10,000.

Springdale (P).—A fine *late* variety of large size and fine color. Plants vigorous and moderately productive. 30 cents per doz.; \$1 per 100; \$5 per 1,000.

Longfellow (NEW).—A large, late-ripening berry, that promises well either for table use, or for shipping to markets. \$1 per doz.; \$5 per 100.

Endicott No. 2 (NEW).—This is especially desirable on account of its fine shipping qualities, as the fruit has been shipped by railroad nearly 400 miles, and arrived in excellent condition. A variety that stands transportation well; is also a good kind for home use in cases where the fruit is desired to be kept over night for breakfast, as a firm or shipping berry retains its appearance longer. 60 cents per dozen; \$3 per 100.

General Sherman.—Plants succeed in but few localities. Fruit large and of good quality. 40 cents per dozen; \$2 per 100.

Sterling (P).—Large. 30 cents per doz.; 75 cents per 100; \$5 per 1,000.

Hervey Davis (NEW).—This is a strong growing variety, that produces fine crops of large-sized berries. I consider it one of the *finest flavored* berries on my grounds, and strongly recommend it for trial. 50 cents per dozen; \$2 per 100.

Kerr's Late Prolific.—This gives good satisfaction in many localities. Fruit large to very large. 30 cents per dozen; \$1 per 100; \$5 per 1,000.

Seedling No. 1 (NEW).—Fruit irregular shaped, some specimens six inches around; productive. 20 cents each; \$1 per dozen; \$1 75 per 25; \$7 per 100 (now called Cetywayo).

Glendale (NEW).—This is a medium to large sized, *very late* ripening berry. It is equally desirable for near markets, or for shipping to distant points. On some soils it gives excellent satisfaction, while on others it is only moderately productive. A single plant has produced over 270 berries. It is well worthy of trial, at least in small quantities. 50 cents per dozen; \$3 per 100; \$15 per 1,000.

Cinderella.—A large *early* berry that is quite popular in some localities. I recommend, however, giving it a trial before planting largely. 30 cents per dozen; \$1 per 100; \$7 per 1,000.

Continental.—This is somewhat similar, but later. 30 cents per dozen; \$1 per 100; \$7 per 1,000.

Miner's Great Prolific.—This is not a shipping berry, but I consider it to be one of the best *for near markets or for table use*. The berries are uniformly large, many of them extra large, and of fine quality. By following the directions contained in my hand-book "for growing large berries," I think this variety will prove a favorite with nearly everyone. Good reports reach me in regard to it from all parts of the country. 50 cents per dozen; \$1 25 per 100; \$7 per 1,000.

Seneca Queen.—Large, excellent. 40 cents per doz.; \$1 25 per 100.

Warren (NEW).—Probably well adapted to most northern and southern soils. Fruit large and suitable for shipping; ripens early. Considered slightly superior to Longfellow in flavor. 20 cents each, \$1 per dozen; \$1 50 per 25, \$5 per 100.

Jucunda.—One of the most profitable kinds where the soil is suitable. \$110 worth of berries have been sold off of $\frac{1}{4}$ th of an acre. Fruit large, of good quality; fine for shipping or home use. There are many *spurious* and *mixed* plants of this variety in the country. My stock is *pure*, and carefully grown. 20 cents per dozen; 75 cents per 100; ~~\$6 per 1,000.~~

Duchesse.—Productive. 30 cents per dozen; \$1 per 100; \$7 per 1,000.

Laurel Leaf (NEW).—This is an attractive looking variety, having foliage of a glossy green color. The fruit is sometimes quite large, roundish, and of a bright scarlet color. 50 cents per dozen; \$3 per 100.

Essex Beauty.—Produces fine large berries if grown "in hills" on very rich soil. 40 cents per dozen; \$2 per 100.

Sharpless.—Another year's trial fully confirms the high estimate in which this variety has been held. During the past fruiting season I visited a number of gardens where I had previously sent the plants, and found that they were growing thriftily, and giving good satisfaction on nearly all soils, heavy or light. The fruit at all of these places has averaged large, being exceeded by only one or two kinds, but their bright and attractive color and other merits places the Sharpless in the foremost rank in popularity. A number of berries have measured six and seven inches around, while a few exceptionally large berries have been found to measure eight, nine, and even twelve inches around. The very largest specimens have more of a round or flattened shape than the illustration on the front page of this catalogue. Experiments that have now been made warrant me in recommending to my patrons the planting out of the Sharpless in large quantities for either home use or markets, without waiting for any further preliminary trials. They promise to succeed everywhere where strawberries can be grown. 50 cents per dozen; \$1 50 per 100; \$8 per 1,000.

Russell's Advance.—A good bright colored *early* berry, of from medium to large size. 40 cents per dozen; \$1 50 per 100.

Chas. Downing.—One of the best of the older varieties; fruit from medium to large in size, and of good quality. 30 cents per dozen; 75 cents per 100, \$3 per 1,000, \$14 per 5,000, \$20 per 10,000.

Burr Oak (NEW).—This is a fine late variety, of good size, and very similar to the well known Kentucky. It is desirable for either home use or not too distant markets. The plants are vigorous growers and productive. 50 cents per dozen; \$2 per 100.

 Will it not pay you to plant large varieties like Sharpless, President Lincoln, and Longfellow, and sell the fruit at from 20 to 50 cents a quart, instead of the small acid Wilsons, at 8 and 10 cents.

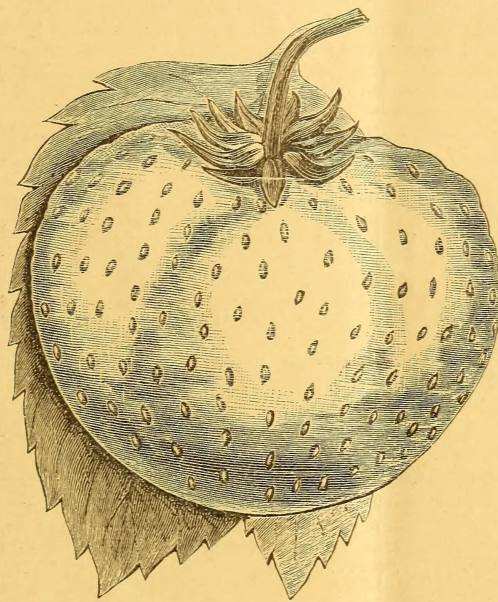
Champion (P.)—The same as "Windsor Chief." Plants unusually productive when rightly grown. Fruit large to very large, roundish, and of a dark red color. A fine variety for not too distant markets. 30 cents per dozen; \$1 per 100, \$4 per 1,000, \$15 per 5,000.

Col. Cheney (P.)—Fruit of large size, and popular with some persons. I consider it deficient in flavor. Very productive. 30 cents per dozen; \$1 per 100, \$4 per 1,000.

Black Defiance.—Large, early. 40 cents per dozen; \$1 50 per 100.

Captain Jack.—Succeeds finely at the South, where its berries grow larger than they do here. A list of other varieties doing particularly well in the Southern or Gulf States is to be found in my manual. The Captain Jack continues to ripen until quite late, and is excellent for shipping. 30 cents per doz.; \$1 per 100, \$4 per 1,000.

Green Prolific (P.)—Medium sized, acid. 30 cents per dozen; \$1 per 100.



HUDBLESTON'S FAVORITE.

obtained in the future. The fruit is of a dark red color, of *fine quality*, and excellent for either home use or shipping. 50 cents per dozen, \$2 per 100; \$12 per 1,000.

Cumberland Triumph.—A favorite nearly everywhere, North or South. Fruit of large size, sometimes six inches around, and of a bright red color. 30 cents per dozen; \$1 per 100, \$4 per 1,000.

Kentucky.—A medium to large sized, *late*, bright colored berry. Productive. 30 cents per dozen; 75 cents per 100, \$3 50 per 1,000, \$15 per 5,000.

Triomphe de Gand.—On good loams, or upon rich clayey soils, this variety gives some fine large berries. It does best when grown "in hills." The fruit ripens early, and continues to ripen until quite late in the season, and is of excellent quality. 30 cents per dozen; \$1 per 100, \$6 per 1,000.

Lennig's White.—Berries usually small, though sometimes nearly an inch in diameter, and of a pink and white color. 40 cents per dozen; \$1 per 100.

Pioneer, or King of the North.—This is a *beautiful large, very bright scarlet* berry of fine quality, with many specimens measuring six and seven inches around. Plants are vigorous, hardy and productive. 40 cents per dozen; \$1 per 100, \$7 per 1,000.

Huddleston's Favorite. (New).—This is a promising *late* variety, that seems to combine a number of good qualities. Fruit medium size, roundish, of a brilliant glossy crimson color, and of quite good quality. Plants vigorous and productive. \$1 50 per dozen; \$2 00 per 25; \$6 per 100.

President Lincoln.—When grown as directed in my Manual, excellent results may be obtained from this variety, and many berries obtained measuring from five to eight inches around, and occasionally some even ten and eleven inches in circumference. Some of my patrons have been disappointed in not getting larger specimens from some of the varieties that I offer, but now that I have written out and explained my method in full, I trust that far better success will be

Ranoke, (New).—Not fully tested. Plants of vigorous and thrifty habits of growth. Fruit large, bright colored, and of fine flavor, sweet. \$2 per dozen.

Wilson's Albany.—Fruit of medium size, acid. Produces heavy crops on nearly all soils—North or South. An excellent *shipping* berry. 25 cents per dozen; 75 cents per 100; \$3 per 1,000; \$11 per 5,000; \$20 per 10,000.

Centennial Favorite (P.).—One of the most delicious of berries, and a favorite with amateurs, where it succeeds. Fruit large, and of fine color. 40 cents per dozen, \$1 25 per 100; \$10 per 1,000.

Golden Defiance.—Produces frequently some splendid berries. Productive, late. 40 cents per dozen; \$1 25 per 100; \$10 per 1,000.

Great American.—This, I find, is quite an exception to most strawberries, as reports from my correspondents during the last year or two, state that it succeeds in a few gardens only. However, on suitable soils, under rich culture, it continues to produce immense berries, that readily bring 50 cents a quart in the New York markets. I would recommend to my patrons that it only be planted out in limited quantities, until it is known to succeed. 30 cents per dozen; \$1 per 100; \$4 per 1,000; \$15 per 5,000.

Matilda.—Fruit of good size, of a bright and attractive color, and of good quality, 40 cents per dozen; \$2 per 100.

Monarch of the West.—This gives fine large berries on nearly all soils throughout the country. The fruit is of a bright red color, is excellent for home use, or can be shipped to markets, 75 or 100 miles distant. 30 cents per dozen; 75 cents per 100; \$3 per 1,000; \$12 per 5,000.

Early Hudson.—Large, excellent. 40 cents per dozen; \$1 per 100.

Wilding Seedling (New).—The plants of this variety are strong and vigorous. The fruit is of fine appearance, and of more than ordinary excellence. 50 cents per dozen; \$2 per 100.

Marvin (New).—This, thus far, proves quite a favorite, and gives promise of becoming unusually popular. 30 cents each; \$3 per dozen; \$5 per 25; \$15 per 100.

Red Jacket, (New).—Another promising variety. Plants very vigorous, fruit of a rich acid flavor. 60 cents per dozen; \$4 per 100.

Alpine Bush.—Small, "ever-bearing." 50 cents per dozen.

Belle Bordelaise—A productive, medium sized variety of the Haut-boise class. 50 cents per dozen.

Queen of the West, (New).—\$1 per dozen, \$3 per 100.

Prairie Queen (New).—\$1 per dozen; \$6 per 100.

	Per doz.	Per 100.	Per 1,000.
President Wilder	\$0 30	\$1 00	\$6 00
Susquehanna	30	1 50	
Prouty's Seedling	40	1 00	5 00
Early Adela	50	2 50	
Agriculturist	30	1 00	5 00
Potomac	30	1 50	
Star of the West	30	1 00	5 00
Duncan	40	2 00	
Nicanor	30	1 00	4 00
Patuxent	30	1 50	
Caroline (P).....	30	1 50	10 00
Belle	50	2 50	15 00
Glossy Cone	75	4 00	
Neunan's Prolific (P).....	40	1 00	5 00

RASPBERRIES.

The immense size and fine qualities of some of the newer Raspberries are proving so tempting, that many persons who have hitherto depended on the common wild varieties are now supplying their tables with the larger cultivated sorts, and with four-fold satisfaction. Then there is the additional advantage that by selecting early and late kinds, that a constant supply may be obtained for nearly two months, commencing here about the 25th of June with the earliest, and continuing on until the first weeks of August. Some varieties will

even yield fruit during September and the first part of October. The firmness and unusual productiveness of some of the varieties is making this one of the most profitable fruits to grow, as after shipping them from 100 to 300 miles, a profit may yet be obtained of from \$100 to \$600 an acre.

Plant in April, or early in May, either in hills 4 feet apart each way, placing one or two plants in a hill, or plant in rows 6 or 7 feet apart, with plants every 2 or 3 feet. Press the ground moderately firm (if not too wet) after planting. The "Fruit Grower's Friend" contains full particulars as to what fertilizing can be economically employed; also full directions for planting, cultivation, and training, as well as methods for increasing the size of the berries, keeping off the birds, winter protection, etc., and all explained so fully, that even a novice may undertake the growing of this and other fruits for market, with reasonable prospects of success.

Cuthbert.—At present this is the most popular red raspberry on my grounds, and is in great demand. It proves especially desirable for market purposes on account of the large size, and firmness for shipping of the berries, and the productiveness and hardiness of the plants. Fruit growers are planting it by the acre, finding that it succeeds either on sandy soils or good moist loams. Fruit commission merchants report "that they consider it one of the best varieties that they sell." The plants are vigorous growers, and may be called "iron-clad" for most sections, as they are very seldom even injured, though left unprotected. I also recommend it for trial at the South, where but few red varieties succeed. The berries have measured three inches around, are of a rich crimson color, and continue late to ripen. The fruit is considered of *excellent quality* by some persons, making it suitable also for home use. \$1 per doz.; \$1 75 per 25; \$5 per 100; \$30 per 1,000.



GREGG.

Gregg (NEW).—On many soils this black-cap proves *decidedly superior* to the well-known "Mammoth Cluster," while in other localities the berries are of about the same size. It is a *splendid shipping* berry, and brings good prices in market even when shipped.

ped 100 or 200 miles by railroad. The fruit is of quite good quality, and *very abundant*. A Fruit Committee have described the Gregg as follows: "The sight of the berries on the bushes was really marvellous; such a sight was never before seen by any one of this Committee." The plants are strong growers, and hardy, 75 cents per dozen; \$1 25 per 25; \$4 per 100; \$25 per 1,000.

Florence (NEW).—This beautiful yellow, or orange colored berry, belongs to the "cap" class of raspberries, and, like all other "cap" varieties, may be called "hardy," as they seldom require winter protection, except in very exposed localities. The "cap" varieties also almost invariably succeed throughout the Southern States, as do also the larger blackberries. The Florence is *very desirable* for home use, or for amateurs, also for some markets. 75 cents per dozen; \$1 25 per 25; \$3 50 per 100; \$20 per 1,000.

Herstine.—A delicious, large, bright red berry, that ripens early, and succeeds on nearly all soils. Plants are productive; moderately hardy in this latitude. 40 cents per dozen; \$1 50 per 100; \$10 per 1,000.

Queen of the Market (NEW).—Very similar to the "Cuthbert" in size of berry and habits of plant. \$1 per dozen; \$7 per 100; \$50 per 1,000.

Postage Stamps 2 and 10 cents will be received instead of fractional currency for Plants.

Brinkle's Orange.—Hardy in some gardens in this latitude, and in others requires winter protection. Large, delicious. 75 cents per dozen; \$5 per 100; \$40 per \$1,000.

Brandywine, (True Susqueco).—Probably more acres of ground are planted with this variety than with any other. Fruit large, of a bright red color, and being *very firm*, is excellent for shipping. Quality, moderately good. Plants are productive, and generally hardy. 40 cents per dozen; \$1 50 per 100. \$9 per 1,000; \$40 per 5,000.

Philadelphia.—Red; late. 40 cents per dozen; \$2 per 100.

Henrietta.—Very similar to the "Belle de Fontenay." Fruit large, excellent, red. Plants are hardy, and produce a second crop in the Fall. Full directions for the management of "Fall bearing" raspberries will be found in my hand-book. 50 cents per dozen; \$2 per 100; \$10 per 1,000.

Turner, (Southern Thornless).—An *early* red variety, suitable for home use or near markets. *Very hardy*; excellent for the West and South. 40 cents per dozen; \$2 per 100; \$10 per 1,000; \$40, per 5,000

Clarck.—A large red variety of fine flavor; soft. Plants are productive, and usually hardy. 50 cents per dozen; \$2 per 100.

Reliance, (New).—This improves on further trial. The berries are larger than the "Philadelphia," of which it is a seedling, and firmer, making them more desirable for market. Quality quite good, color, a rich crimson. Plants are *productive* and hardy in most localities. 75 cents per dozen; \$3 per 100; \$18 per 1,000.

Naomi.—Late, red. 50 cents per dozen; \$2 per 100; \$10 per 1,000,

Highland Hardy.—Quite desirable on account of being *very early* and *hardy*. Fruit of medium size, of fair quality, largely grown for markets, except at the South. 40 cents per dozen; \$1 50 per 100; \$5 per 1,000; \$22 per 5,000.

Ganangua.—A red "cap". 50 cents per dozen; \$2 per 100.

Franconia.—Large, red. 50 cents per dozen; \$3 per 100, \$15 per 1,000.

Pride of the Hudson.—This is very different from most raspberries, as I find that it succeeds in only a few localities. In this respect it resembles the "Great American" strawberry. I only recommend planting it in small quantities for trial, and not at all on sandy soils, or at the South. It is to be regretted that it proves so fastidious, as on suitable soils it yields delicious, large, red berries, and in great profusion. Plants only partially hardy. \$1 per dozen; \$5 per 100; \$45 per 1,000.

Winant.—Red; late. 50 cents per dozen; \$2 per 100; \$15 per 1,000.

Caroline, (New).—A large yellow "cap" berry of fine quality. Hardy and productive. 30 cents each; \$2 per dozen; \$10 per 100.

Early Prolific (New).—A seedling of the Philadelphia. Fruit of a rich crimson color. 75 cents per dozen; \$4 per 100; \$25 per 1,000.

New Rochelle.—This is remarkable for its *wonderful productiveness*. A single hill has produced $4\frac{1}{2}$ quarts. The fruit is of large size, of a dark red color, and sufficiently firm for shipping. Suitable for home use or markets. Plants partially belong to the "cap" class—propagating also from the tips. One year canes, 75 cents per dozen; \$6 per 100. Tips (well rooted), 50 cents per dozen; \$3 per 100; \$25 per 1,000.

Saunders.—Red; half-hardy. 50 cents per dozen; \$2 50 per 100.

Hudson River Antwerp.—Red; half-hardy. 50 cents per dozen; \$2 per 100; \$15 per 1,000.

Belle de Fontenay (Amazon).—Large, and of good quality. Plants are "Fall bearing" also. 50 cents per dozen; \$2 per 100

Seneca.—A hardy blackcap. 50 cents per dozen; \$2 per 100.

Davidson's Thornless.—A large, *very early*, delicious blackcap; excellent for home use or near markets. 40 cents per dozen; \$1 50 per 100; \$8 per 1,000.

Doolittle.—Black, later. 40 cents per dozen; \$1 50 per 100; \$8 per 1,000.

Mammoth Cluster.—Extra large; black; *very late*. Plants are hardy and very productive. 40 cents per dozen; \$1 50 per 100; \$8 per 1,000.

 See "Deductions if packed," or "Special Discounts" on orders for \$2, and upwards.

BLACKBERRIES.

This is one of the easiest fruits to grow that I have, requiring less care than any other. The suggestions offered in my hand-book in regard to manuring, will prove a great saving in growing them, if followed. It also contains easy methods for rendering the plants more hardy, telling when and how to prune them, and how to increase the size and yield of the fruit, etc., etc. Plant five or six feet apart each way, or make rows eight feet apart with plants two or three feet distant from each other. Every complete garden should contain from 50 to 200 plants. Ripening after most berries are gone, they will be well appreciated.

Snyder.—This is a comparatively new variety of decided merit. The fruit is of medium size, sometimes large on moist loams, but is of *fine quality*, and is produced in *great abundance* each season. Very hardy, either here, or further North, or at the West. 50 cents per doz.; \$2.50 per 100; \$15 per 1,000; ~~\$55 per 5,000.~~

Wilson's Early.—Fruit *extra large*; *very early*; excellent for home use or markets. Succeeds better in this latitude if given winter protection. 40 cents per doz.; \$2 per 100; \$10 per 1,000.

Wachusett Thornless.—The canes of this variety are nearly free from thorns, but a few small thorns are to be found on the leaves. I do not recommend it for localities south of New York, but being *very hardy* it is excellent for more northern latitudes, or for Vermont, New Hampshire, etc. It then produces fine crops of delicious, good-sized berries. \$1 per doz.; \$1.50 per 25; \$4 per 100; \$25 per 1,000.

Kittatinny.—The hardiest of the *extra large* varieties; vigorous and productive. 40 cents per doz.; \$2 per 100; \$10 per 1,000.

Taylor's Prolific (New).—Succeeds well at the West, also on good gravelly soil or moist loams. Fruit of large size, ripens early, is sweet, melting, and rich. Canes are productive, and usually hardy. 75 cents per doz.; \$2 per 100; \$15 per 1,000.

Dorchester.—Large. 50 cents per doz.; \$2 per 100; \$12 per 1,000.

Lawton (New ROCHELLE).—40 cents per doz.; \$2 per 100; \$13 per 1,000.

Wallace (New).—Fruit of good size; early. Plants usually hardy. 75 cents per doz.; \$2.50 per 100; \$15 per 1,000.

Missouri Mammoth.—Large, sweet. 50 cents per doz.; \$2 per 100.

 See "Postage on Plants," also special reductions when packed.

GOOSEBERRIES.

This is a delicious fruit when eaten icy-cold from the refrigerator, while it is well appreciated even when not cooled in this way. When properly understood it can be grown as easily as other fruits. My hand-book contains simple directions for assisting in warding off the "mildew" when prevalent, also for planting, pruning, marketing, etc., etc. Plant four feet apart.

Downing's Seedling.—One of the *largest* and best of the American varieties. Fruit of a fine green color; seldom mildews. Excellent for home use or markets. One year 10 cents each; 50 cents per doz.; \$4 per 100; \$35 per 1,000. Two years 15 cents each; 75 cents per doz.; \$5 per 100; \$40 per 1,000.

Mountain Seedling.—Large; red; with smooth skin; flesh of good quality, sweet. Quite desirable. \$1 per doz.; \$5 per 100.

Smith's Improved.—Fruit of a pale greenish yellow; large; of excellent quality; not subject to mildew. Plants hardy and very productive. One year 10 cents each; 50 cents per doz.; \$4 per 100; \$35 per 1,000. Two years, strong. 15 cents each; 75 cents per doz.; \$5 per 100; \$40 per 1,000.

Early Ruby (New).—Red; often mildews. 25 cents each; \$3 per doz.

Houghton's Seedling.—Small; red; free from mildew; *very productive*. Two years, 50 cents per doz.; \$3.50 per 100; \$30 per 1,000. One year, \$2 per 100.

Late Emerald (New).—Green; often mildews. 25 cents each.

 Send me \$1.50 for the N. Y. Weekly Tribune for one year, and save 50 cents.

CURRENTS.

Every garden should contain from 20 to 100 of these plants, as the surplus fruit, if any, can always be either readily sold, or made up into jellies, etc. My hand-book contains cheap and easily-applied remedies to use against the currant worm; also instructions for having ripe berries in August and September, also for cultivation, etc., etc. Plant in April or early in May four feet apart.

La Versailles.—Fruit of extra large size, red, and produced in great abundance; of fine quality. Strong one year plants, 50 cents per doz.; \$3 per 100; \$22 per 1,000. Two years, 75 cents per doz.; \$5 per 100; \$40 per 1,000.

White Dutch.—Vigorous growers; productive. Berries of from medium to large size, and of fine quality. 50 cents per doz.; \$3.50 per 100.

Cherry.—*Extra large*; red; short bunches; sells well. One year, 50 cents per doz.; \$3 per 100; \$25 per 1,000. Two years, 75 cents per doz.; \$4.50 per 100; \$40 per 1,000.

Black Naples.—Very large; best black currant. One year, 50 cents per doz.; \$3 per 100; \$20 per 1,000. Two years, 75 cents per doz.; \$4 per 100; \$22 per 1,000.

White Grape.—Of fine quality; *very large*. One year, 50 cents per doz.; \$4 per 100; \$30 per 1,000. Two years, 75 cents per doz.; \$5 per 100; \$35 per 1,000.

Victoria.—Very desirable on account of its *late* ripening; red. One year, 50 cents per doz.; \$4 per 100. Two years, 75 cents per doz.; \$5 per 100.

Red Dutch.—Very productive. One year, 40 cents per doz.; \$3 per 100; \$25 per 1,000. Two years, 60 cents per doz.; \$3.50 per 100; \$30 per 1,000.

See "Postage on Plants," and "Reductions if packed."

HARDY GRAPE-VINES.

A Grape-vine will yield a supply of delicious fruit for from 20 to 50 years, and perhaps longer. As it can be trained to fences or buildings, it is especially desirable for those who have but limited garden room or city lots. Grape-vines are excellent for affording shade to porches or sides of houses, thus rendering them cooler and more "home-like." The earliest grapes are sufficiently ripe to place upon the table early in August, and the latter kinds will continue to furnish a supply during September, October, and November. My hand-book also contains various easy methods for keeping them until the following Spring and Summer; also new methods for keeping off the mildew, and full directions for training, cultivating, pruning, etc., etc., so that the merest novice can easily grow grapes by following the suggestions that are given. Any soil that is suitable for garden vegetables, will answer for grapes, if it is not too wet. Plant either 8, 10, or 12 feet apart, usually 10 feet apart is best.

An *E* denotes early. *VE*, very early. *M*, medium. *L*, late, *W*, white or greenish yellow. *R*, red. *B*, black.

Concord (*M. B.*). Large, excellent, vigorous, very hardy, productive. 1 year, 10 cents each; 75 cents per dozen; \$3 per 100; \$18 per 1,000. 2 years, 15 cents each; \$1 per doz.; \$4 per 100; \$25 per 1,000.

Duchess (*E. W.*). A delicious new early *white* grape, that promises to become very popular for either market or home use. The berries are of medium size, thin skin, sprightly and rich, without pulp, and ripen about the same time as the "Delaware." The vines are more vigorous than the Concord, prove to be *hardy* and healthy, and *very productive*, many bunches 8 inches long. As the supply of vines may not be equal to the demand, early orders will be the safest. 3 year vines, \$3 each; 2 year, \$2 each; 1 year (only a few), \$1.50 each.

Telegraph (*Christine. V. E. B.*). This is a large, *very early*, table grape, of a fine sprightly flavor, that ripens two weeks before the Concord. Vines are hardy and seldom affected by mildew. 1 year, 20 cents each; \$1.50 per dozen; \$8 per 100. 2 years, 25 cents each; \$2 per dozen; \$10 per 100.

Lady (*V. E. W.*). A *very popular* and delicious grape that succeeds nearly everywhere. 1 year, 35 cents each; \$3.50 per dozen; \$22 per 100; \$180 per 1,000. 2 years, 50 cents each; \$5 per dozen; \$30 per 100.

If you have no use for this Catalogue, please hand to some friend who is interested in fruits.

Diana (L. R.). One of the best for keeping over Winter. 1 year, 12 cents each; \$1 per doz.; \$5 per 100; \$30 per 1,000. 2 years, 20 cents each; \$1 50 per doz.; \$7 per 100.

Moore's Early (V. E. B.). A *very desirable* new variety. Berries of *extra large* size, of good quality, and ripen two or three weeks before the Concord. Vines are vigorous growers and hardy. 1 year, 75 cents each; \$7 00 per doz.; \$50 per 100. 2 years, \$1 50 each; \$12 per doz.; \$90 per 100.

Clinton (L. B.). An excellent keeping variety. Berries small, sprightly. 1 year, 20 cents each; \$1 50 per doz.; \$7 per 100.

Brighton (E. R.). The best early red grape. Berries of good size, *thin skin*, and of a *peculiarly delicate flavor*. Bunches *large* and compact. Vines vigorous, hardy, and productive. Very popular. 1 year, 25 cents each; \$2 50 per dozen; \$20 per 100. 2 years, 40 cents each; \$4 per doz.; \$25 per 100; \$225 per 1,000.

Belinda (New. E. W.). As large as the Concord, and of good quality. 1 year, 75 cents each; \$8 per doz. 2 year, \$1 25 each.

Agawam (Rogers' No. 15. M. R.). Fruit of large size, thin skin, excellent. 2 years, 20 cents each; \$2 per doz.; \$11 per 100.

Florence. (New.) Probably the *earliest* grape known. Destined to become *very popular*. 1 year, \$1 50 each, \$12 per doz. 2 years, \$2 each; \$18 per doz.

Salem. (M. R.) A delicious, large, *showy* grape. 2 years, 20 cents each; \$2 per doz.; \$10 per 100.

Early Dawn (New. V. E. B.). A medium sized grape of fine quality. Very desirable. \$500 was paid for the original vine. 1 year, \$1 each. 2 years, \$2 each.

Antoinette (New. M. W.). A seedling of the Concord. Vigorous. Berries large and of good quality. \$1 each.

Worden's Seedling (E. B.). Large and showy; excellent. 1 year, 20 cents each; \$2 per dozen; \$13 per 100. 2 years, 25 cents each; \$2 50 per doz.

Lady Washington. (New. M. W.) Vigorous, very good. \$3 each.

Hartford Prolific. (E. B.) 1 year, 15 cents each; \$1 per doz.; \$4 per 100; \$25 per 1,000. 2 years, 20 cents each; \$1 50 per doz.; \$5 per 100; \$30 per 1000.

Linden (New. E. B.). An exceedingly strong grower, productive. Fruit large; desirable. \$1 each. 2 years, \$1 25 each.

Rebecca (M. W.). Medium size; excellent. 2 years, 25 cents each.

Delaware (E. R.). Small, of delicious quality; sells well. 1 year, 20 cents each; \$1 75 per doz.; \$11 per 100; \$100 per 1,000. 2 years, 25 cents each; \$2 25 per doz.; \$15 per 100; \$135 per 1,000.

Champion (Talman, E. B.)—Large; vigorous grower. 1 year, 20 cents each; \$1 50 per dozen; \$8 per 100. 2 years, 25 cents each; \$2 per dozen; \$12 per 100; \$100 per 1,000.

Iona (L. R.)—A medium to large grape of fine quality. 2 years, 15 cents each; \$1 50 per dozen; \$7 per 100.

Isabella (L. B.)—Large; not suitable for very northern localities. 2 years, 15 cents each; \$1 50 per dozen; \$6 per 100; \$55 per 1,000.

Martha (White Concord. M. W.)—Large; a general favorite; of medium quality. 1 year, 15 cents each; \$1 50 per dozen; \$8 per 100; \$70 per 1,000. 2 years, 20 cents each; \$2 per dozen; \$12 per 100.

Highland (New. M. B.)—Large; very showy; good. \$2 each.

Elvira (M. W.)—1 year, 15 cents each. 2 years, 20 cents; \$1 50 per dozen; \$10 per 100.

Catawba (L. R.)—Largely grown for market or house use. 1 year, \$40 per 1,000. 2 years, 15 cents each; \$1 50 per dozen; \$7 per 100; \$56 per 1,000.

Wilder (Rogers' No. 4. M. B.)—Large; very showy; of fine quality; excellent. 1 year, 15 cents each; \$1 50 per dozen; \$8 per 100. 2 years, 20 cents each; \$2 per dozen; \$12 per 100.

 Keep these descriptions for future reference.

 Remember that you can have *Special Discounts* from single and dozen rates; and a reduction of 10 per cent. off from 100 rates. See page 4.

 See "Postage on Vines," or extra "*Reductions if packed.*"

ASPARAGUS AND RHUBARB ROOTS.

Conover's Colossal Asparagus.—Easily grown on any good soil. When once started a bed will last 15 or 20 years. Every family should have from 200 to 500 plants. The "Fruit Grower's Friend" contains an economical method for enriching the ground, also full directions for preparing and shipping to markets, etc., etc. Plant six inches deep, one foot apart, and rows two or three feet apart. One year roots can be sent by mail at 30 cents extra per 100, and two year roots at 40 cents extra per 100. 1 year, 80 cents per 100. \$4 per 1,000. \$15 per 5,000. 2 years, \$1 25 per 100. \$5 per 1,000. \$22 per 5,000.

Linnaeus Rhubarb Roots.—Plant in hills four feet apart. 75 cents per dozen. \$5 per 100.

FRUIT TREES.

I desire to call attention to the superior growth of the Fruit Trees mentioned below, and which are priced about as low as well grown thrifty trees can be offered. My Manual contains full directions for planting, cultivation, mulching, pruning, etc., etc., and suggests various ways in which recreation for gentlemen (and for ladies too), as well as profit, may be found in the training and growing of trees.

The following testimonials will give some idea of the satisfaction that the trees give:

MILLINGTON, MD.—"Dear Sir: The trees have been duly received ... They are better than I really expected. Many of my friends say they never saw finer trees. I will probably want more this Fall." —

MONTREAL, CANADA —"The trees from you were very nice—better than I have ever delivered." —

HILLSDALE, N. Y.—"I have received the trees in good order, and am well satisfied with them. I am gratified that you sent me such good stock." —

Selecting Trees.

The selection of the varieties of trees will be left largely to purchasers, who will, I think, find it to their advantage to favor me with their orders, instead of entrusting them to irresponsible and unknown traveling agents, thus saving from 20 to 100 per cent. in buying. I sometimes find it necessary to substitute other trees, in order to make up the number desired, but would prefer that the purchaser should name varieties that may be substituted. By giving me a week or ten days' notice, I can frequently fill orders for many kinds of apples, pears, peaches, etc., that are not mentioned on my lists. Half a dozen different named trees of one kind of fruit may go at dozen rates, or thirty of different named trees (not plants), at 100 rates; or 100 trees of any of the fruits, at 100 rates. For profit, a selection of three or four good varieties of each fruit is better than an assortment of fifteen or twenty varieties. My hand-book contains select lists of such pears, apples, etc., as are in most demand in the New York markets, and that bring the highest prices. Some of the varieties named yield at the rate of \$500 and \$1,000 per acre.

APPLES.

PRICE—Standards—4½ to 6 feet, 18 cents each. \$2 per dozen. \$9 per 100. \$80 per 1,000.

" 5 to 7 feet 20 cents each. \$2 per dozen. \$10 per 100. \$90 per 1,000.

Dwarfs—1st class, 3 to 4 feet, 20 cents each. \$2 per dozen. \$9 per 100. \$70 per 1,000.

Summer Varieties.—Early Harvest. Fourth of July, Early Strawberry, Sweet Bough, Red Astrachan, Primate, Tetofsky, Keswick Codlin. *Fall*—Fall Pippin, Duchess of Oldenburg, Fameuse, Gravenstein, Maiden's Blush, Twenty Ounce, Late Strawberry. *Winter.*—Baldwin, Northern Spy, Ben Davis, R. I.

☛ If you wish to purchase *largely*, send your list that I may give lowest prices.

Greening, Roxbury Russet, Fallawater, Hubbardston's Nonsuch, King of Tompkins County, Peck's Pleasant, Haas, Red Canada, Pawaukee, Walldridge, Talmann's Sweet, Wagner, Wealthy Crab Apples, Hyslop, Siberian, Transcendent, Soulard, Van Wyck Sweet, Marengo.

Full directions for barreling apples for market, also for keeping apples a year, for growing smooth, fair apples, etc., etc., will be found in my Manual.

PEARS.—Standards.

5 to 8 feet, 1st class, 40 cents each. \$3 50 per dozen. \$22 per 100. \$200 per 1,000.

5 to 6 feet, 30 cents each. \$3 per dozen. \$18 per 100. \$160 per 1,000.

Summer.—Clapp's Favorite, Dearborn's Seedling, Bartlett, Doyenne d'Ete, Tyson, Beurre, Giffard, Manning's Elizabeth, *Souvenir du Congress* (50 cents), *Fall*.—Belle Lucrative, Doyenne Boussock, Duchess d'Angouleme, Beurre Bosc, Seckel, Sheldon, Flemish Beauty, Onondaga, Beurre Clairgeau, Buffum, Howell, Kieffer's Hybrid, (2 years \$3, 1 year, \$2 each). *Winter*.—Beurre d'Anjou, Lawrence, Winter Nellis, Mount Vernon, Dana's Hovey, Easter Beurre, Duchess de Bordeaux, Dr. Reeder.

PEARS.—Dwarf.

2 to 4 feet *fine*, 25 cents each. \$2 50 per dozen. \$12 per 100. \$100 per 1,000.
2½ to 3½ " 20 " 2 " 10 " 80 "

Summer.—Clapp's Favorite, Bartlett, Doyenne d'Ete, Buerre de l'Assumption, Manning's Elizabeth, *Souvenir du Congress* (50 cents). *Fall*.—Duchess d'Angouleme, Seckel, Flemish Beauty, Louisa Bonne de Jersey. *Winter*.—Beurre d'Anjou, Winter Nellis, (*Sarah, Brockworth Park*), 60 cents each.

Lists of hardy varieties of pears, apples, etc., for Minnesota and Vermont, also of favorite market varieties of pears, and directions for packing them so as to bring the highest prices, will be found in my hand-book. It also contains an easy method for keeping Bartlett pears for two months, thus obtaining double prices; also for keeping Fall and Winter pears for from three to six months longer than usual, besides giving directions for preventing and curing the "blight," for cultivating, pruning, etc., etc.

PLUMS.

Standards—5 to 7 ft., *extra.*, 50 cents each; \$4.50 per doz.; \$30 per 100.
" 4 to 5 ft., 35 " 3.50 " 27 "

THE HAINES' SUPERB.

I can now offer a fine supply of thrifty trees of this variety at \$1 each or \$8 per dozen. Some of the smallest can be trimmed back 2 or 3 feet in length and packed with plants; or small sized trees can be sent free by mail at \$1 each. For the information of any new patrons I will give the following description of this plum:

The Haines' Superb RIPENS VERY EARLY—fully ten days before the Green Gage, and fine specimens have been picked even as early as July 25th—making it indeed a great acquisition to the list of this valuable and highly-esteemed fruit. In size it is larger than the Green Gage, and of a roundish oval form. It is of a bright purple color (not blue), and is covered with a rich bloom, which when rubbed off makes the plum appear a still brighter color. The flesh is crisp and moderately firm, and is particularly remarkable for its SPICY AND RICH FLAVOR—equalled in this respect by no other plums with which I am acquainted. The trees are of a strong and thrifty habit of growth, and though not entirely curculio proof, yet they have borne good crops when other trees near at hand have had very few plums upon them. From these qualities I think I can safely recommend the HAINES' SUPERB as being one of the most valuable and profitable plums, that can be grown for either home use or market purposes. The fruit always brings an extra high price, and will, I think, prove specially desirable at the South for shipping to Northern markets, as well as for market or home use generally throughout the country.

Haines' Superb (\$1), Yellow Egg (Magnum Bonum), Green Gage, Lombard, Bradshaw, Copper, Pond's Seedling, Wild Goose (Quackenboss, Smith's Orleans, Imperial Gage, Reine Claude de Bayay, Washington—only a few).

Raspberries, Currants, &c., often pay handsomely if grown near village markets.

In my Manual are found simple methods for obtaining *full crops of plums*, without the trouble of "jarring the trees," also how to prevent injury from late frosts; curing the "black-knot;" and description of the best packages for shipping plums and other fruits to the New York City markets, etc., etc.

Cherries.

5 to 8 ft., *splendid trees*, 30 cents each; \$3 per doz.; \$14 per 100; \$120 per 1,000.
 4½ to 6 ft., *good trees*, 25 " 2 " 12 " 100 "

Hearts and Bigareaus. — Black Tartarian, Rockport Bigareau, Elton, Bigareau (Yellow Spanish), Gov. Wood, Downer's Late, Napoleon Bigareau, Black Eagle, Knight's Early Black. *Dukes and Morellos*, May Duke, Reine Hortense, Montmorency, Early Richmond, Belle de Choisy, English Morello.

Directions for promoting *early fruitfulness* in trees, for keeping cherries, raspberries, peaches, and other perishable fruits *fresh for months*, are given in my Manual; also a list of the best cherry trees for giving shade, or for planting along the road side.

Peaches.

4 to 6 ft., 20 cents each; \$2 per doz.; \$3 per 100; \$65 per 1,000.
 2½ to 3½ ft., 15 " 1.50 " 5 " 45 "

Haines' Early ("Large; white with a red cheek; flesh pale, juicy and delicious. Tree hardy and very productive." 30 cents). Amsden's June, Crawford's Early, Old Mixon Free, Stump the World, Early Alexander, Richmond, and Yellow Rareripec. (Early Beatrice, Early Rivers, Early Louise, Crawford's Late, Morris White, Large Early York, Van Buren's Golden (dwarf), and Foster in smaller lots). *Downing, Wilder, and Saunders*, 30 cents each.

Peaches are in great demand this season. I have already received a number of large orders in which 100 or 200 of a kind are ordered; and as the supply of some kinds is none too large, it will be well to engage what are wanted at an early day. If ordered early I can supply most of the varieties at \$1 or \$2 less per 100, besides furnishing some kinds not mentioned in my list. My handbook gives full directions for planting, cultivation, etc., and for destroying the borer, thinning fruit, etc.

Apricots.

Early Golden, Moorpark. 25 cents each; \$2.50 per doz.; \$15 per 100.

Nectarines.

Assorted varieties. 30 cents each; \$3 per doz.

Fig Trees.

30 cents each. \$3 per doz.

Figs can be grown out-doors even further north than Albany, N. Y. Full directions for treatment in my manual.

Quinces.

Orange.—3 to 4 ft., 30 cents each, \$2.50 per doz., \$15 per 100. 2 to 3 ft., 25 cents each, \$2.25 per doz., \$12 per 100, \$100 per 1,000. 1 to 2 ft., 20 cents \$2 per doz., \$7 per 100, \$60 per 1,000. Layers, \$1.50 per doz., \$4 per 100. *Augers*, same rates. *Rea's Mammoth*, 40 cents each, or at double rates. *Champion* (new, highly recommended). One year \$1.25 each, \$14 per doz., \$100 per 100.

Japanese Persimmons.

Kaki.—Very showy, fruit large, sweet. 75 cents each by mail.

Ornamental Trees.

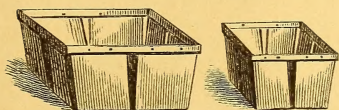
These I do not keep on hand, except sometimes in small quantities, but can supply the following kinds; also others, if ordered a week or two in advance. They will usually have to be baled or packed separately, though generally they can be packed with Fruit Trees. Evergreens do equally as well if planted in May or early in June.

	Each.	Per 100.
Elms, Sugar and Silver Maples, Horse Chesnuts..	\$0.40	\$20 to \$40
Kilmarnock Willows, Cut-leaved Birch.....	50	20 to 40
Mountain Ash, Sweet Chesnut, Weeping Willow...	30	15 to 20
Poplar, Larch, Linden, and Shrubs.....	30	15 to 30
Magnolia, Tulip, Weeping Ash, etc.....	50	20 to 40
Norway and Hemlock Spruce (Evergreens).....	25	10 to 20
Irish and Swedish Juniper, Pines, etc.....	30	15 to 30
Arbor Vitæ (Am. and Sib.), Hardy Roses, etc.....	20	8 to 20

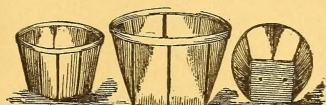
Trees will be carefully packed in strong, well-made boxes, at an additional charge of 25 cents per dozen (baled); \$1 per 50; \$1.50 per 100; \$2 per 200 trees. These or frequently larger figures are almost invariably made at all nurseries, and should be added to the price of the trees in remitting. If only a few trees are desired, then join your neighbors in making out a good order, and you will be well pleased, I trust, with the stock that will be furnished. *Send orders early, so that trees can go by freight and reach their destination in good season.*

PERUVIAN GUANO, Bone-dust, Fruit Manures, Superphosphates, Hair Manure, etc., *reliable and genuine*, can be supplied in lots of not less than $\frac{1}{4}$ ton, at lowest rates, free of cartage, and delivered on board steamers or railroads in New York City. Prices on application.

Fruit Baskets and Crates.



CLIMAX BASKETS.



CENTENNIAL BERRY BASKETS.

Climax Baskets.—These can be used for strawberries, currants, blackberries, raspberries or any of the fruits. They are *neat, strong and attractive baskets*, are the same size as the American, and give very general satisfaction. Quarts, pints and $\frac{1}{2}$ quarts, \$10 per 1,000; 5,000 for \$45. Crates for 24 and 32 quarts, 75 cents each; 60 pint crates, 80 cents; 84 $\frac{1}{2}$ quart crates, \$1 each.

Centennial and Paragon Baskets.—These will be found to be excellent baskets for marketing blackberries, gooseberries, strawberries, cherries, peaches, apricots and plums—the fruit usually bringing a much better price in many markets than when sold in bulk. The Centennial *quarts* are also suitable for currants, blackcaps and whortleberries, and the pints for raspberries, or any of the other smaller fruits. They all fit in the Beecher crates. Quarts, either style, \$15 per 1,000; pints and $\frac{1}{2}$ pints, \$12 per 1,000. Crates for 32 quarts, without baskets, \$1 each; 60 pint crates, \$1.

Veneer Baskets.—(Round, same style and size as the Beecher.) Quart baskets, \$21 per 1,000; pints, \$16 per 1,000; $\frac{1}{2}$ pints, \$13 per 1,000; $\frac{1}{2}$ pints (no flange), \$10 per 1,000. Crates same price as the Centennial. *Veneer Cups*, $\frac{1}{2}$ quart, (only size), \$12 per 1,000. Crates for 60 cups, 75 cents each.

Peach Baskets.—(Stave board bottom.) $\frac{1}{2}$ bush. size, \$1 20 per doz. \$10 per 100. Centennial, 6 qt. size, \$5 per 100; 4 qt. size, \$4 per 100. *Grape Baskets* at from \$30 to \$50 per 1,000—see “Illustrated Price List.” *Verbena Baskets* (with handles) \$20 per 1,000.

Illustrated Price Lists of the various other styles and sizes of berry baskets and crates that I offer will be mailed upon application. Baskets as cheap in 100 lots as per 1,000, except where special rates have been mentioned. *No charge for packing.* Discounts or special rates will be given to clubs or to individuals desiring to purchase in lots of 2,000 and upwards. I have made arrangements to supply Western customers, from an agent at the West, with 32 quart crates and 32 square quart baskets at \$1 each. Cheap square baskets of different kinds, in flats, can be furnished at from \$3 to \$5 per 1,000. In making inquiries about fruit baskets of other styles, my patrons will oblige by stating definitely what is wanted, and in what quantities. A 32 quart crate (the favorite size) will hold about 100 baskets when nested. Owing to the increased cost of lumber, etc., the price of baskets will probably be raised \$2 or \$3 per 1,000 in April or May, and possibly sooner. However, in the meantime, my patrons may reserve whatever baskets they may want by making a small payment down—the baskets will be shipped later as wanted.

Rates and Quantities.—Single plants or trees will be furnished at one-seventh the price named per doz.; or $\frac{1}{2}$ doz. of one kind at rates per doz.; fifty at 100 rates, and 500 at 1,000 rates. Many of the standard varieties of Strawberries, Raspberries, Blackberries, etc., can be supplied in quantities of from 10,000 to 50,000, in April. Special rates on these larger lots will be furnished upon application.

SPECIAL OFFERS.

\$10 WORTH OF PLANTS FOR ONLY \$4.

I can offer the following plants *carefully labeled and packed* (not by mail) for \$4.

50 Crescent Seedling Strawberries,	50 Conover's Asparagus,
12 Cumberland Triumph “	12 Herstine Raspberries,
12 Sharpless “	6 Reliance “
12 Miner's Great Prolific “	6 Florence “
12 Jucunda “	12 Davidson's Thornless Raspberries,
12 Roanoke “	12 Taylor's Prolific Blackberries,
12 Wilding Seedling “	12 Wallace “
12 Burr Oak “	1 Lady Grape-Vine,
6 La Versaillaise Currants,	1 Brighton 2 year Grape-Vine,
2 Black Naples “	1 Concord “
3 Houghton Gooseberries,	3 Downing Gooseberries.

ALSO THE FOLLOWING \$20 FAMILY LIST FOR \$8.

50 Crescent Seedling Strawberries,	100 Conover's Asparagus,
12 President Lincoln “	6 Rhubarb Roots,
24 Sharpless “	24 Herstine Raspberries,
12 Cetywayo (No. 1) “	6 Florence “
12 Miner's Great Prolific “	24 Reliance “
12 Roanoke “	6 Cuthbert “
12 Wilding Seedling “	24 Davidson's Thornless Raspberries,
12 Burr Oak “	6 Gregg “
50 Cumberland Triumph “	24 Taylor's Prolific Blackberries,
12 La Versaillaise Currants,	12 Wallace “
6 Red Dutch 2 year “	12 Wilson's Early “
6 White Grape “	1 Moore's Early Grape,
6 Downing 2 year Gooseberries,	1 Lady “
6 Houghton “	2 Brighton 2 year “
3 Smith's Imp. “	6 Concord “

The following substitutions *only* will be allowed, viz.: 1 dozen of either Glendale, Monarch, President Lincoln or Jucunda, instead of any of the Strawberries, Raspberries, Gooseberries, Currants or Asparagus, and Mammoth Cluster, Kittatinny or Snyder, instead of any of the fruits, except Strawberries. *No discounts whatever* can be given with these “Special Offers,” except that a copy of “The Fruit Grower's Friend” will be added when desired. For all other plants, or for plants that go by mail, see “Special Discounts on page 4.

TESTIMONIALS.

The following are samples of a large number of letters that I have received at different times from those who have obtained their plants *by express or freight*. Extracts from letters in regard to plants obtained by mail will be found among the front pages of my catalogue:

JOHNSON CITY, TENN.—“The plants that you shipped to me, on the 8th of April, were duly received on the 14th. Though they were out of the ground fully a week altogether, yet they were such fine plants, and so well packed, that every one of them is now growing. I am very much pleased with them.”

VAIL, IOWA.—“The Strawberry vines were received in excellent condition. I have bought plants and trees from several nurseries, but have never received any that were put up so nicely. . . . They appeared as fresh as if just taken out of the ground.”

BURLINGTON, VT.—“Mrs. A. is very much more pleased with your plants than with any she ever received before—and lack of room prevents her only from ordering more.”

SOUTH LUBEC, ME.—“My plants received, May 10th, by express, came in good condition. The Currants, Raspberries, and Gooseberries are doing *finely*. They do not seem to know that they have taken a trip down East.”

SAVANNAH, GA.—“R. H. Haines, Esq. *Dear Sir*: The Grapevines you sent me last Spring have grown some 7 or 8 feet, and are still growing (Sept. 19th). Please send me the following trees, &c.”

MILTON, WIS.—“The Strawberries came to hand all right, and in good condition, and though followed by a long spell of *dry, hot weather*, yet, by watering them, they did equally as well as plants that I set out at the same time from my own garden.”

EPHING, N. H.—“*Dear Sir*: Please send me . . . Strawberry plants. I could get them near home, but I have used your plants in the past, and know that they *give excellent satisfaction*.”

HALIFAX, NOVA SCOTIA.—“Plants arrived on the 2d instant in excellent condition after their long journey. All are growing nicely except one plant. . . . Your system of packing is excellent for a long voyage.”

SPECIAL REMARKS.

PACKING, &c.—NO CHARGE IS MADE FOR PACKING PLANTS AND VINES, or for delivering at transportation offices. Mistakes if any, WILL BE PROMPTLY RECTIFIED if packages are examined immediately upon arrival, and their condition reported within ten days. Direct communication is afforded, via Hudson River R. R. (or by steamboat to Albany or New York) to all parts of the country. A box or barrel usually only costs from 50 to 75 cents to deliver on board the Halifax, Portland, Norfolk, Savannah, Florida, or Texas steamers.

TERMS: Payment in Advance.—Remittances may be made by draft on New York payable to my order, P. O. Order on SAUGERTIES or KINGSTON, N. Y., by Registered Letter, or small amounts by mail if plainly directed. Fractions of a dollar may be sent in the shape of one or ten cents stamps, when the change cannot be easily made otherwise. Parties ordering stock sent C. O. D. by Express should remit 20 per cent. of bill.

REFERENCES.—By permission to J. B. Sheffield & Son, Sheffield Paper Mills, Saugerties, N. Y.; or to P. M. Gillespy, Esq., Cashier First National Bank of Saugerties.

REMEMBER that “The Fruit Grower’s Friend,” which contains more reading matter than some good-sized books, will be sent *free* by mail to any person desiring it, who orders plants or trees to the extent of \$3, or upwards. If purchasing the manual previous to ordering, then the price of one copy may be deducted from the amount of your order when remitting in the spring.

In order to facilitate the booking and classification of orders before the busy season comes on, and that I may ship more promptly at times desired, I now offer a reduction of **Three per Cent.**, besides other discounts, from SINGLE, DOZEN, and 100 RATES, and Two per Cent. from 1,000 rates on ALL ORDERS RECEIVED WITH MONEY PREVIOUS TO MARCH 15TH.

R. H. HAINES,

Saugerties-on-Hudson, N. Y.

